

U.S. Patent and Trademark Office JUN 16 2004 (37 CFR 1.98(b))	Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 13909-097001	Application No. 10/671,877
	Information Disclosure Statement by Applicant (Use several sheets if necessary)			Applicant Elmar Dörner, et al.
				Filing Date September 29, 2003
				Group Art Unit <del>2661</del> 2614

## U.S. Patent Documents


Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
RS	AA	US-2002/0006603 A1	11-2002	Peterson et al.			
RS	AB	US-5881315	3-1999	Cohen			
RS	AC	US-6148338	11-2000	Lachelt et al.			

## Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No

## Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
RS	AD	Hewlett Packard, "HP OpenView Integration Guide for Developers," July 2002, [online], [retrieved from the Internet on March 24, 2004: <a href="http://h21007.www2.hp.com/dspp/files/unprotected/OpenView/IntegrationGuide/OV_Integration_Guide_7_30.pdf">http://h21007.www2.hp.com/dspp/files/unprotected/OpenView/IntegrationGuide/OV_Integration_Guide_7_30.pdf</a> ], pp. 67-92, XP002274908
RS	AE	Hewlett Packard, "hp OpenView Service Navigator for hp OpenView Operations 7.x for UNIX Product Brief," May 2002, [online], [retrieved from the Internet on March 24, 2004: <a href="http://www.pervigil.com/PDF/HP/sernav_pb_jun02.pdf">http://www.pervigil.com/PDF/HP/sernav_pb_jun02.pdf</a> ], 2 pgs., XP002274906
RS	AF	Sun Microsystems, "Developing Web Services with SUN™ Open Network Environment," March 2002, [online], [retrieved from the Internet March 24, 2004: <a href="http://www.sun.com/software/sunone/wp-spine/spine.pdf">http://www.sun.com/software/sunone/wp-spine/spine.pdf</a> ], pp. 1-32, XP002274909
RS	AG	Trythall, Steve, "JMS and CORBA Notification Interworking," December 12, 2001, [online], [retrieved from the Internet March 24, 2004: <a href="http://www.onjava.com/pub/a/onjava/2001/12/12/jms_not.html">http://www.onjava.com/pub/a/onjava/2001/12/12/jms_not.html</a> ], 8 pgs., XP002274907

Examiner Signature 	Date Considered 3/31/07
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified) <b>MAY 09 2005</b> PATENT & TRADEMARK OFFICE 37 CFR 1.98(b)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. <b>13909-097001</b>	Application No. <b>10/671,877</b>
	Information Disclosure Statement by Applicant (Use several sheets if necessary)		
	Applicant <b>Elmar Dorner, et al.</b>		Filing Date <b>September 29, 2003</b>

**U.S. Patent Documents**

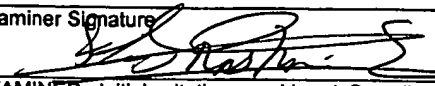
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
<i>R-S</i>	AA	US-5619555 A	04-1997	Fenton et al.			
<i>R-S</i>	AB	US-5739512	04-1998	Tognazzini			
<i>R-S</i>	AC	US-5918211	06-1999	Sloane			
<i>R-S</i>	AD	US-5923737 A	07-1999	Weisbut et al.			
<i>R-S</i>	AE	US-6179206	01-2001	Matsumori			
<i>R-S</i>	AF	US-6182143	01-2001	Hastings et al.			
<i>R-S</i>	AG	US-6185542	02-2001	Moran et al.			
<i>R-S</i>	AH	US-6327576	12-2001	Ogasawara			
<i>R-S</i>	AI	US-6491217	12-2002	Catan			
<i>R-S</i>	AJ	US-2003/0103075 A1	06-2003	Rossetot			
<i>R-S</i>	AK	US-6587835	07-2003	Treyz et al.			
<i>R-S</i>	AL	US-6873715	03-2005	Kuo et al.			

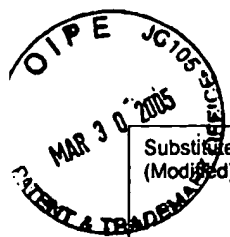
**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
<i>R-S</i>	AM	GB 2313250 A	11/19/1997	UK				

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
------------------	-----------	----------

Examiner Signature 	Date Considered <b>3/31/07</b>
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

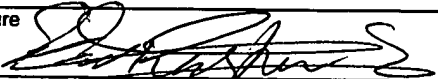
Sheet 1 of 1

Substitute Form PTO-1449 (Modified)  <b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. <b>13909-097001</b>	Application No. <b>10/671,877</b>
	Applicant <b>Elmar Dörner, et al.</b>		
	Filing Date <b>September 29, 2003</b>	Group Art Unit <b>2661 2614</b>	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
<i>RS</i>	AA	US-2003/0195946 A1	10/2003	Yang			

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
RS	AB	WO 99/09490	02/1999	WIPO				
RS	AC	WO 02/073442 A	09/2002	WIPO				

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
<i>RS</i>	AD	Eugster, Patrick, et al., "Distributed Asynchronous Collections: Abstractions for Publish/Subscribe Interaction," Agilent Lab. and Lombard Odier Co., January 10, 2000, pp. 1-34, XP002171795
<i>RS</i>	AE	Shorshita, Teruji, et al., "A Large-scale Contents Distribution Architecture Based on Reliable Multicast," Proceedings Internet Workshop, 1999, IWS '99 Osaka, Japan, February 18-20, 1999, pp. 75-80, XP010365597

Examiner Signature 	Date Considered <b>3/31/07</b>
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Disclosure Form (PTO-1449)

Substitute Form PTO-1449 (Revised)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 13909-097001	Application No. 10/671,877
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Elmar Dörner, et al.	
		Filing Date September 29, 2003	Group Art Unit <del>2661</del> 2614

**U.S. Patent Documents**

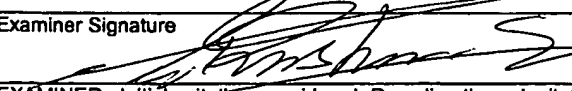
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
R-S	AA	US-5151684 A	09-1992	Johnsen			

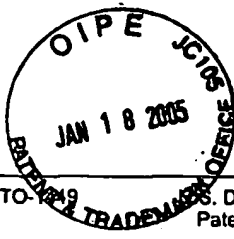
**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
R-S	AB	GB 2329301 A	03-1999	UK				
R-S	AC	WO 02 01467 A	01-2002	WIPO				

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
R-S	AD	Banavar, G., et al., "An Efficient Multicast Protocol for Content-Based Publish-Subscribe Systems," Proceedings of the 19 <sup>th</sup> International Conference on Distributed Computing Systems, ICDCS '99, Austin, TX, May 31 – June 4, 1999, International Conference on Distributed Computing Systems, Los Alamitos, CA: IEEE Computer Soc., US, May 31, 1999, pp. 262-272, XP000883611
R-S	AE	Segall, Bill and David Arnold, "Elvin Has Left the Building: A Publish/Subscribe Notification Service with Quenching," Distributed Systems Technology Centre, University of Queensland, September 1997, XP002152244 AU, retrieved from the Internet: <a href="http://elvin.dstc.edu.au/document/papers/auug97/AUUG97.html">http://elvin.dstc.edu.au/document/papers/auug97/AUUG97.html</a>
R-S	AF	THE451, "KnowNow Unveils 'N-Way' EAI over the Internet," TechTarget Network, XP002259981, retrieved from the Internet: <a href="http://searchwebservices.techtarget.com/originalContent/0,289142,sid26_gci75182">http://searchwebservices.techtarget.com/originalContent/0,289142,sid26_gci75182</a>
R-S	AG	Triantafillou, P., et al., "Subscription Summaries for Scalability and Efficiency in Publish/Subscribe Systems," Proceedings of the 22 <sup>nd</sup> International Conference on Distributed Computing Systems Workshops (ICDCSW'02), July 2, 2002, pp. 619-624, XP010601590

Examiner Signature 	Date Considered 4/1/07
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	


Sheet 1 of 1

Substitute Form PTO-1449 (Modified)  <b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. <b>13909-097001</b>	Application No. <b>10/671,877</b>
	Applicant <b>Elmar Dörner, et al.</b>		
	Filing Date <b>September 29, 2003</b>	Group Art Unit <b>2661-2614</b>	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
<i>R-S</i>	AA	US-5619555 A	04/08/1997	Fenton et al.			
<i>R-S</i>	AB	US-5923737 A	07/13/1999	Weishut et al.			
<i>R-S</i>	AC	US-2003/0103075 A1	06/05/2003	Roscelot			

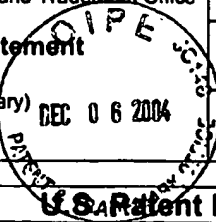
Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
<i>R-S</i>	AD	GB 2313250 A	11/19/1997	Great Britain				
<i>R-S</i>	AE	WO02/091641 A	11/14/2002	WIPO				

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
<i>R-S</i>	AF	Gorton, I., et al., "An efficient, scalable content-based messaging system," <u>Proceedings of the Seventh IEEE International Enterprise Distributed Object Computing Conference</u> , September 16, 2003, pp. 278-285, XP010659499

Examiner Signature 	Date Considered <b>3/31/07</b>
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Disclosure Form (PTO-1449)

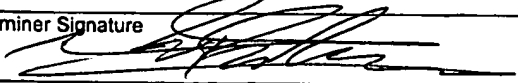
Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 13909-097001	Application No. 10/671,877
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Elmar Dörner, et al.	
		Filing Date September 29, 2003	Group Art Unit <del>2661</del> 2614



U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
R-S	AA	US-5619555 A	04/08/1997	Fenton et al.			
R-S	AB	US-5923737 A	07/13/1999	Weishut et al.			
R-S	AC	US-2003/0103075 A1	06/05/2003	Rosselot			

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
R-S	AD	GB 2313250 A	11/19/1997	Great Britain				
R-S	AE	WO02/091641 A	11/14/2002	WIPO				

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
R-S	AF	Gorton, I., et al., "An efficient, scalable content-based messaging system," <u>Proceedings of the Seventh IEEE International Enterprise Distributed Object Computing Conference</u> , September 16, 2003, pp. 278-285, XP010659499

Examiner Signature 	Date Considered 3/31/07
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

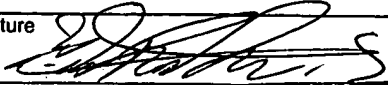
Sheet 1 of 1

Substitute Form PTO-1449 (Modified)  <b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. <b>13909-097001</b>	Application No. <b>10/671,877</b>
	Applicant <b>Elmar Dorner, et al.</b>		
	Filing Date <b>September 29, 2003</b>	Group Art Unit <b>2661 2614</b>	

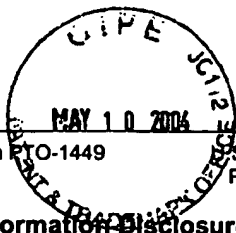
U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
RS	AA	WO 02/091641	11/14/2002	WIPO				
RS	AB	WO 2004/023430	03/18/2004	WIPO				

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
RS	AC	Fitzpatrick, Geraldine, et al., 'Augmenting the Workaday World with Elvin' [online]. <u>Proceedings of ECSCW'99</u> , September 1999, Kluwer Academy Publishers, Copenhagen, Denmark, pp. 431-451 [retrieved on 2005-01-26]. Retrieved from the Internet: <URL: <a href="http://dstc.com/Research/Projects/EWP/Papers/ecscw99-dist.pdf">http://dstc.com/Research/Projects/EWP/Papers/ecscw99-dist.pdf</a> >.
RS	AD	Gorton, Ian, et al., 'An Efficient, Scalable Content-Based Messaging System,' <u>Proceedings of the Seventh IEEE International Enterprise Distributed Object Computing Conference (EDOC '03)</u> , September 16, 2003, pp. 278-285.
RS	AE	Padovitz, Amir, et al., 'Awareness and Agility for Autonomic Distributed Systems: Platform-Independent Publish-Subscribe Event-Based Communication for Mobile Agents,' <u>Proceedings of the 14<sup>th</sup> International Workshop on Database and Expert Systems Applications (DEXA '03)</u> , September 1, 2003, pp. 669-673.

Examiner Signature 	Date Considered <b>3/31/07</b>
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Disclosure Form (PTO-1449)

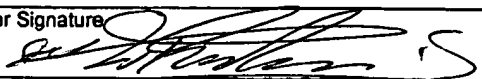
Sheet 1 of 1

Substitute Form PTO-1449 (Modified)  <b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. <b>13909-097001</b>	Application No. <b>10/671,877</b>
	Applicant <b>Elmar Dörner, et al.</b>		
	Filing Date <b>September 29, 2003</b>	Group Art Unit <del>2661</del> <b>2614</b>	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
RS	AA	EP 0 967 558 A	12-1999	EPO				

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
RS	AB	Chappell, David A., "Asynchronous Web Services and the Enterprise Service Bus," [online], [retrieved from the Internet February 10, 2004: <a href="http://www.webservices.org/index.php/article/articleprint/352/-1/24/">http://www.webservices.org/index.php/article/articleprint/352/-1/24/</a> ], May 6, 2002, XP002269724, 7 pgs.
RS	AC	Hapner, Mark, et al., "Java Message Service," [online], [retrieved from the Internet March 13, 2001: <a href="http://java.sun.com/products/jms/documents.html">http://java.sun.com/products/jms/documents.html</a> ], November 9, 1999, XP002162780, 111 pgs.
	AD	
	AE	

Examiner Signature 	Date Considered <b>3/31/07</b>
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Disclosure Form (PTO-1449)